

Road Wheel Mud Excluder

PRODUCTS & SERVICES

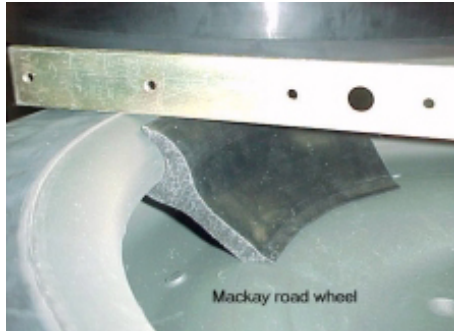
- Armoured vehicle track links - both single and dual pin, design, manufacture and refurbishment.
- Armoured vehicle road wheels, design, manufacture and refurbishment.
- Track shrouds for Armoured vehicle.
- Anti-vibration/shock mounts for surface and sub-surface vessels.
- Hand fabrication of rubber products i.e; gas sealing membranes for submarines, rubber fume/fluid ducts etc.
- Anechoic materials for sub-surface vessels.
- Missile and Silo components i.e; conductive and high temperature seals, silo closures, shock mounts etc

CAPABILITIES

- Finite Element Analysis used in design concepts and validation of products
- Unigraphics CAD design drafting system.
- NATA certified laboratory
- Full range of rubber manufacturing processes.

QUALITY ASSURANCE

ISO 9001, ISO1401
QS9000



The purpose of the Mud Excluder is to stop the accumulation of mud and rock in the return of armoured vehicle road wheels.

A standard road wheel can trap some 15 to 20 kgs of debris, multiplied by the number of road wheels i.e.;

$$24 \text{ off wheels} \times 15 \text{ kgs} = 360\text{kgs}$$

of weight penalty on the vehicle performance.

The Mud Excluder overcomes this issue by sealing off the section completely, deflecting the debris clear of the wheel. As it does not accumulate soil or seeds etc, it also minimises the transfer of contaminated materials from one location to another.

As the lip of the shroud has no "profile" outside the rim face there is little chance the Mud Excluder can come in conflict with anything to force it out of position.

Excellence in Design